

E1

- c) obtaining a primary cell population from said immunized human comprising T cells capable of secreting cytokines;
- d) adding said primary cell population to said microwell under conditions such that said T cell secretes a cytokine that binds to said first cytokine binding ligand; and
- e) detecting said secreted T cell cytokine to detect Th1 and Th2 directed immunity generated in said human.

E2

20. (Amended) The method of Claim [19]18, wherein said detecting of step (e) comprises use of a second cytokine binding ligand.

Please add the following Claims:

22. The method of Claim 18, wherein said first cytokine binding ligand is a monoclonal antibody selected from the group consisting of anti-IL2, anti-IFN γ , anti-IL4, anti-IL5, and anti-IL10.

#3

23. The method of Claim 18, wherein said first cytokine binding ligand comprises a first monoclonal antibody and a second monoclonal antibody.

24. The method of Claim 23, wherein said first monoclonal antibody is selected from the group consisting of anti-IL2 and anti-IFN γ ; and said second monoclonal antibody is selected from the group consisting of anti-IL4, anti-IL5, and anti-IL10.

25. A method of immunizing a human, comprising:

- a) providing: i) a human with symptoms of multiple sclerosis, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant; and
- b) immunizing said human with said immunizing preparation under conditions such that said symptoms are reduced.
